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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

C/D VISIBILITY 1/8 MILE, CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BRO VORTAC AIRWAY RADIALS 258 CW 329.

CHART NOTE: BARO-VNAV AND VDP NA WITH PORT ISABEL ALTIMETER SETTING.

CITY AND STATE

HARLINGEN, TX

ELEVATION: 36

THRE: 36

AIRPORT NAME:

VALLEY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) Y RWY 35L, AMDT 2

15 NOVEMBER 2012

SUP:

AMDT: 1A

DATED: 09/20/2012

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHRL
RUNWAY RW35L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W35B
LTP/FTP LATITUDE 261303.1700N
LTP/FTP LONGITUDE 0973931.8745W
LTP/FTP ELLIPSOIDAL HEIGHT -00118
FPAP LATITUDE 261432.5300N
FPAP LONGITUDE 0973930.7800W
THRESHOLD CROSSING HEIGHT (TCH) 00059.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

488ECAC7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +00109
FPAP ORTHOMETRIC HEIGHT +00109

QUALITY
1
CHECKED

CITY AND STATE
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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHRLK4FR35LY	ABRO	010BRO	K4D 0V	IF					18000		A JS	
SUSAP	KHRLK4FR35LY	ABRO	020SIVIEK4EA0E	A 020TF			31580078	+ 03000				A JS	
SUSAP	KHRLK4FR35LY	ABRO	030BOTVEK4EA0EE	B 010TF			27140106	+ 02000				A JS	
SUSAP	KHRLK4FR35LY	ARELAX	010RELAXK4EA0E	IF						18000		A JS	
SUSAP	KHRLK4FR35LY	ARELAX	020SIVIEK4EA0E	A 020TF			19210146	+ 03000				A JS	
SUSAP	KHRLK4FR35LY	ARELAX	030BOTVEK4EA0EE	B 010TF			27140106	+ 02000				A JS	
SUSAP	KHRLK4FR35LY	R	010BOTVEK4EA0E	I IF				+ 02000		18000		A JS	
SUSAP	KHRLK4FR35LY	R	020AVUDEK4EA1E	F 051TF			35560060	+ 01500			RW35L K4PGA	JS	
SUSAP	KHRLK4FR35LY	R	020AVUDEK4EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KHRLK4FR35LY	R	030RW35LK4PG0GY	M 031TF			35560044	00095		-300		A JS	
SUSAP	KHRLK4FR35LY	R	040	0 M	CA		3556	+ 00286				A JS	
SUSAP	KHRLK4FR35LY	R	050ZIPIVK4EA0EY	DF				+ 02000				A JS	
SUSAP	KHRLK4FR35LY	R	060ZIPIVK4EA0EE	R HM			17560040	+ 02000				A JS	

[illegible][illegible]

CITY AND STATE HARLINGEN, TX	ELEVATION: 36 THRE: 36 AIRPORT NAME: VALLEY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 35L, AMDT 2 15 NOVEMBER 2012	SUP:
				AMDT: 1A
				DATED: 9/20/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KHRLK4PR35LY RW35L001Y0000W35B0N2613031700W09739318745-001180300N2614325300W09739307800106750224000590F400500488ECAC7
SUSAP KHRLK4PR35LY RW35L002E +00109+00109LPV 86530

[illegible]

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	AIRPORT NAME: VALLEY INTL			AMDT: 1A
				DATED: 9/20/2012

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BRO	BRO	010		IF		FB					
	BRO	SIVIE	020	IAF	TF		FB	2.0	315.8 (320.8T)	007.8	AA 03000	
	BRO	BOTVE	030		TF		FB	1.0	271.4 (276.4T)	010.6	AA 02000	
	RELAX	RELAX	010		IF		FB					
	RELAX	SIVIE	020	IAF	TF		FB	2.0	192.1 (197.1T)	014.6	AA 03000	
	RELAX	BOTVE	030		TF		FB	1.0	271.4 (276.4T)	010.6	AA 02000	
		BOTVE	010	FACF	IF		FB				AA 02000	
		AVUDE	020	FAF	TF		FB	0.5	355.6 (000.6T)	006.0	AA 01500	
		RW35L	030	MAP	TF		FO	0.3	355.6 (000.6T)	004.4	AT 00095	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		355.6 (000.6T)		AA 00286	
	ZIPIV	050		DF		FO				AA 02000	
	ZIPIV	060		HM	R	FO		175.6 (180.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRO	N255526.67	W0972230.98	N2555.445	W09722.516
	AVUDE	N260837.62	W0973935.11	N2608.627	W09739.585
	BOTVE	N260239.76	W0973939.46	N2602.663	W09739.658
	RELAX	N261529.69	W0972312.66	N2615.495	W09723.211
	SIVIE	N260129.75	W0972758.33	N2601.496	W09727.972
	ZIPIV	N262449.98	W0973923.23	N2624.833	W09739.387
	RW35L	N261303.17	W0973931.87	N2613.053	W09739.531

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00036	59

CITY AND STATE HARLINGEN, TX	ELEVATION: 36	THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
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